

CLAIM AMENDMENTS

1 - 3. (canceled)

1 4. (currently amended) The cooking device according to
2 claim 3, ~~characterized in that~~ 26 wherein said rotatable element
3 comprises a substantially conical disk [[,]] with a widened central
4 portion rotatably connected in a through-seat realised on [[the]] a
5 base of said basket, said widened central portion defining a seat
6 suitable for receiving said drive group engagement with the second
7 drive means only in the lower position of the basket .

1 5. (currently amended) The cooking device according to
2 claim 3, ~~characterized in that~~ 26 wherein said rotatable element
3 comprises a shaft which has a central portion rotatably connected
4 in a through-seat realised on the base of said basket, said central
5 portion defining a seat suitable for receiving a portion of said
6 ~~drive group~~ the second drive means.

1 6. (currently amended) The cooking device according to
2 claim 1, ~~characterized in that~~ 26 wherein said first drive means
3 comprises a ~~support for said basket which has a rack~~ mounted on the
4 basket and operatively connected to a pinion which can be actuated
5 ~~through by a second motor, said second motor being~~ connected to
6 said control means.

1 7. (currently amended) The cooking device according to
2 ~~claim 1, characterized in that it comprises~~ 26, further comprising
3 at least one second sensor means ~~suivable~~ for detecting
4 the position of said basket.

5 8. (currently amended) The cooking device according to
6 ~~claim 1, characterized in that~~ 26 wherein said bowl is removably
7 connected to said ~~[[body]]~~ base.

1 9. (currently amended) The cooking device according to
2 ~~claim 1, characterized in that it comprises~~ 26, further comprising
3 at least one third sensor of the presence of said bowl.

1 10. (currently amended) A cooking device ~~according to~~
2 ~~claim 1, characterized in that it comprises~~ comprising:
3 a base;
4 a bowl on the base and capable of holding water;
5 electrical heating means juxtaposed with the bowl for
6 heating water therein;
7 a basket fittable in the bowl and shiftable between a
8 lower position immersed in the water in the bowl and an upper
9 position largely out of the water in the bowl;
10 a closing cover applied on said basket;
11 first drive means connected between the basket and the
12 base for shifting the basket between its upper and lower positions;

13 first sensor means for detecting a temperature of water
14 inside the bowl;

15 a timer settable to different predetermined time
16 intervals;

17 control means connected to the first sensor means, the
18 first drive means, and to the timer for starting the timer and
19 moving the basket from the upper position to the lower position
20 when the sensor means detects that the water in the bowl is above a
21 predetermined temperature and for moving the basket from the lower
22 position to the upper position after a preset time interval as set
23 in the timer.

1 11. (currently amended) The cooking device according to
2 claim 10, ~~characterized in that~~ wherein said cover comprises at
3 least one anti-foam door ~~[[,]]~~ free to oscillate from an open
4 position to a closed position and vice-versa when the pressure
5 inside said bowl exceeds a predetermined value.

1 12. (currently amended) The cooking device according to
2 claim 10, ~~characterized in that~~ wherein said cover has a hole in
3 which a container is housed suspended in said basket.

1 13. (currently amended) The cooking device according to
2 claim 1, ~~characterized in that~~ 26 wherein said control means and
3 said first drive means are of the electromechanical type.

14. (canceled)

1 15. (currently amended) The cooking device according to
2 claim ~~1, characterized in that it comprises~~ 26, further comprising
3 anti-rotation means for the pasta.

1 16. (currently amended) The cooking device according to
2 claim ~~15, characterized in that~~ wherein said anti-rotation means
3 comprises a fixed anti-rotation element connected to ~~a fixed part~~
4 ~~of the device and inserted~~ the base and projecting downward into
5 said basket and said bowl.

1 17. (currently amended) The cooking device according to
2 claim ~~16, characterized in that~~ wherein said fixed anti-rotation
3 element has an end placed ~~between trajectories of said paddles~~
4 offset from an orbit of the paddle.

18. (canceled)

1 19. (currently amended) The cooking device according to
2 claim ~~1, characterized in that~~ 26 wherein said second drive
3 ~~[[group]]~~ means comprises
4 a pin guide slidably connected to said basket and with a
5 hole and a threaded lower portion, ~~in said hole being inserted~~
6 a second drive motor on the base having a connection
7 element, and

8 a pin seated in the guide and having an upper end
9 connected to the stirring element and a lower end formed with a
10 blade suitable for connecting to ~~[[a]]~~ the connection element of
11 ~~said first motor~~ the second drive motor.

1 20. (currently amended) The cooking device according to
2 claim 19, ~~characterized in that~~ wherein said connection element
3 comprises

4 a disk which has a plurality of protruding pins and a
5 hole in which a drive shaft of said ~~[[first]]~~ second motor is
6 slidably inserted, ~~[[where]]~~ and

7 a spring, ~~which allows gaps to be closed, is placed~~
8 ~~between the casing of said first motor and~~ braced between the base
9 and said disk and urging the disk upward into engagement with the
10 blade.

21 - 25. (canceled)

1 26. (new) A cooking device comprising:
2 a base;
3 a bowl on the base and capable of holding water;
4 electrical heating means juxtaposed with the bowl for
5 heating water therein;
6 a basket fittable in the bowl and shiftable between a
7 lower position immersed in the water in the bowl and an upper
8 position largely out of the water in the bowl;

9 first drive means connected between the basket and the
10 base for shifting the basket between its upper and lower positions;

11 first sensor means for detecting a temperature of water
12 inside the bowl;

13 a timer settable to different predetermined time
14 intervals;

15 control means connected to the first sensor means, the
16 first drive means, and to the timer for starting the timer and
17 moving the basket from the upper position to the lower position
18 when the sensor means detects that the water in the bowl is above a
19 predetermined temperature and for moving the basket from the lower
20 position to the upper position after a preset time interval as set
21 in the timer;

22 at least one stirring element rotatably mounted on the
23 basket and carrying a paddle projecting upward into the basket; and

24 second drive means on the base couplable with the
25 stirring element only in the lower position of the bowl for
26 orbiting the paddle in the bowl and thereby stirring the water
27 therein.

1 27. (new) The device according to claim 7 wherein the
2 control means is connected to the second sensor means for
3 deenergizing the heating means after movement of the basket from the
4 lower position to the upper position.

1 28. (new) The device according to claim 16 wherein the
2 stirring element is rotatable about an upright axis and carries two
3 of the paddles offset radially from each other and defining
4 respective offset orbits when the stirring element is rotated, the
5 anti-rotation element projecting into the bowl between the orbits
6 of the two paddles.

7 29. (new) A method of operating a cooking device
8 comprising:

9 a base;

10 a bowl on the base and capable of holding water;

11 heating means juxtaposed with the bowl;

12 a basket capable of holding a foodstuff to be cooked,
13 fittable in the bowl, and shiftable between a lower position
14 immersed in the water in the bowl and an upper position largely out
15 of the water in the bowl;

16 first drive means connected between the basket and the
17 base for shifting the basket between its upper and lower positions;

18 a timer settable to different time intervals;

19 at least one stirring element rotatably mounted on the
20 basket and carrying a paddle projecting upward into the basket; and

21 second drive means on the base couplable with the
22 stirring element only in the lower position of the bowl for
23 orbiting the paddle in the bowl and thereby stirring the water
24 therein,

25 the method comprising the steps of:

26 with the basket holding foodstuff in the upper position,
27 energizing the heating means to heat water in the bowl while
28 monitoring a temperature of the water being heated;

29 when the monitored temperature indicates that the water
30 in the bowl is generally at a boil, generally simultaneously
31 starting the timer in a countdown of a preset time
32 interval and

33 operating the first drive means to lower the basket
34 holding foodstuff from the upper position to
35 the lower position and thereby couple the
36 second drive means to the stirring element,
37 whereby the foodstuff is immersed in the
38 boiling water;

39 thereafter before elapse of the predetermined time
40 interval rotating the stirring element and thereby orbiting the
41 paddle in the water to stir water and foodstuff;

42 on elapse of the predetermined time period generally
43 simultaneously

44 operating the first drive means to raise the basket
45 holding food stuff from the lower position to
46 the upper position, and
47 deenergizing the heating means.

1 30. (new) The method defined in claim 29 wherein the
2 heating means is activated discontinuously, whereby water
3 turbulence and foam formation are reduced.

1 31. (new) The method defined in claim 29 wherein the
2 timer is also settable to complete preparation of the foodstuff at
3 a presettable later time, the method further comprising the steps
4 of:

5 monitoring the rate of temperature increase while
6 energizing the heating means and calculating when the water will
7 generally reach a boil;

8 interrupting the energization of the heating means when
9 the calculated time the water will reach a boil is before the
10 preset later time by more than the preset time interval.